



United States
Department of
Agriculture

Economic
Research
Service

1301 New York Avenue NW
Washington, D.C.
20005-4788

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JUL 12 1990

INFORMATIONAL MEMORANDUM

TO: James Mosely
Assistant Secretary
for Natural Resources and Environment

THROUGH: Bruce Gardner *Bruce Gardner*
Assistant Secretary *27 JUL 1990*
for Economics

FROM: John E. Lee, Jr. *John Lee*
Administrator

SUBJECT: 1990 Normalized Prices

We transmit herewith the "current normalized prices with support programs" for use by Federal agencies in the evaluation of water related development projects in 1990. Consistent with established practice, these prices are transmitted to you for distribution to Federal water resource agencies. The methodology used to calculate these prices is explained in the attached text and is based on a comprehensive supply-demand analysis. This approach to calculating "current normalized prices with support programs" was discussed in my November 12, 1985, memorandum to Assistant Secretary Peter C. Myers.

The current approach utilizes structural information obtained from commodity specialists in the Economic Research Service and from an econometric model of the agricultural sector. This approach is designed to minimize short run distortions in prices caused by abnormal weather and temporary changes in foreign demand for agricultural products while deriving consistent relative prices for commodities and cost indices for production inputs.

The State estimates are reported only for "current normalized prices with support programs." For comparative purposes, price estimates using the "distributed-lag" approach are available from the Economic Research Service upon request.

Attachment

cc: Bevan Brown, Tennessee Valley Authority (w/attachment)
Alan Dickerman, Bureau of Reclamation (w/attachment)
Dave Hottenstein, Corps of Engineers (w/attachment)
Ed Riekert, Soil Conservation Service (w/attachment)

CURRENT NORMALIZED PRICES

The orderly development and use of water and related land resources require that a consistent set of economic standards and criteria be used for the evaluation of agricultural benefits and costs. Agricultural price standards provide the basis for valuing the agricultural effects of alternative development and management plans for water and related land resources.

AUTHORITY

The authority for these standards is set forth in the Water Resources Planning Act (P.L. 89-90) and in the Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies. These Principles and Guidelines state in part:

"Section 1.4.10 Prices

- a. The prices of goods and services used for evaluation should reflect the real exchange values expected to prevail over the period of analysis. For this purpose, relative price relationships and the general level of prices for outputs and inputs prevailing during, or immediately preceding, the period of planning generally represent the real price relationships expected over the life of the plan, unless specific considerations indicate real exchange values are expected to change.
- b. The general level of prices for outputs and inputs prevailing during or immediately preceding the period of planning is to be used for the entire period of analysis. In the case of agricultural planning, normalized prices prepared by the Department of Agriculture should be used."

CONCEPTUAL BASIS FOR NORMALIZED AGRICULTURAL PRICES AND COSTS

Current normalized prices are to be used in all economic evaluations covered by the Principles and Guidelines, such as:

1. Evaluation of beneficial or adverse effects of alternative projects and programs under consideration.
2. Appraisals of economic impacts where such impacts are expressed in terms of value of production or income.

The project evaluation process should yield valid estimates of the aggregate benefits and costs during the life of the projects and programs under consideration. These estimates need to be based on relative price relationships that are representative of the period of analysis and that are not distorted by short-term abnormalities. Market prices and costs are generally influenced by highly variable factors such as weather and sudden demand changes. Thus, a procedure is needed to correct for the effects of these factors.

COMPUTATION METHODS TO DERIVE CURRENT NORMALIZED PRICES

Current normalized prices are derived from information obtained from a structural econometric model of the agricultural sector, and from commodity specialists in the Economic Research Service. The framework is used to minimize short run distortions in market prices caused by such factors as abnormal weather patterns and short-term fluctuations in the foreign demand for agricultural products.

A major determinant of the current year's crop yields is the current weather pattern. To eliminate these weather effects upon yields, stocks, and current and future prices, the crop yields are adjusted to trend values. Other important variables such as loan rates, support levels, and acreages of competing crops planted are considered in determining the supply and demand equilibrium and market clearing prices.

Normalized prices for livestock products are adjusted for long-term relationships between livestock and feed crop prices. The adjustments are designed to provide livestock prices at an equilibrium where livestock breeding herds are neither contracting nor expanding.

Normalized indices of prices received and paid by farmers are based on historical data series and the assumptions and results of the model.

STATE PRICES

The State normalized prices were obtained by multiplying the National normalized prices by the average ratio of the State price to the National commodity price for the period 1986-88.

FURTHER PRICE ESTIMATION

Special circumstances will require further price estimation, such as:

1. Pricing of commodities not included in the price table.

For example, forest product prices are not included in the tables. Information on current prices for forest products can be obtained from the last issue of The Demand and Price Situation for Forest Products, Forest Service, U.S. Department of Agriculture. To be consistent with the agricultural prices in this report, the stumpage prices should be adjusted to reflect value added from harvesting.

2. Determination of price differentials within States.

Current normalized prices for specific areas within a State may be derived by computing the average local area-to-State price ratio for the 1986-88 period and multiplying by the State normalized price.

3. Determination of price differentials to reflect product quality differences.

Published date do not provide, in most instances, a basis for deriving such price estimates. Procedures for estimating such price differentials will vary from one set of circumstances to another. Since a standard procedure cannot be specified, analysts confronted by such a problem must develop their own procedures. The basis used for estimating such price differentials should be fully documented in review reports.

4. Adjustments to reflect the impacts of project or program actions on market prices.

As specified in the Principles and Guidelines, whenever implementation of a plan is expected to influence price significantly, the use of a price about midway between those expected with and without implementation may be justified. Special consideration should be given to price adjustments where a program induced shift from a deficit to a surplus production area is expected, or vice versa.

These and other special price problems should be approached in such a manner as to achieve consistency with the published estimation of current normalized prices.

Normalized Prices: 1990

| Commodity | Units | Market Clearing Price Estimates With Support Programs |
|----------------------------|-------|--|
| <u>Program Commodities</u> | | |
| Wheat, all | Bu. | 2.90 |
| Rye | Bu. | 1.75 |
| Rice | Cwt. | 6.00 |
| Corn | Bu. | 2.00 |
| Oats | Bu. | 1.40 |
| Barley | Bu. | 1.80 |
| Sorghum grain | Cwt. | 3.40 |
| Sugarbeets | Ton | 36.60 |
| Sugarcane for sugar | Ton | 27.50 |
| Cotton, lint (upland) | Lb. | .55 |
| Tobacco | Lb. | 1.65 |
| Soybean for beans | Bu. | 5.10 |
| Peanuts harvested for nuts | Lb. | .27 |
| Milk | Cwt. | 11.75 |
| Wool | Lb. | .75 |

Non-Program Commodities

| | | |
|---------------------------|------|-------|
| Apples, fresh market | Lb. | .17 |
| Oranges, all | Box | 6.10 |
| Grapefruit, all | Box | 4.90 |
| Sweetpotatoes | Cwt. | 12.80 |
| Steers and Heifers | Cwt. | 56.70 |
| Feeder steers - 8 markets | Cwt. | 61.10 |
| Cows for slaughter | Cwt. | 39.90 |
| Calves | Cwt. | 57.10 |
| Sheep | Cwt. | 18.00 |
| Lambs | Cwt. | 59.80 |
| Hogs | Cwt. | 44.00 |
| Broilers, commercial | Lb. | .32 |
| Turkeys | Lb. | .45 |
| Eggs | Doz. | .55 |
| Dry beans | Cwt. | 19.00 |
| Cottonseed | Ton | 75.00 |
| Flaxseed | Bu. | 4.95 |
| Hay, all (baled) | Ton | 70.00 |
| Potatoes | Cwt. | 4.80 |

Normalized Indexes: 1990

Indexes

Market Clearing Price Estimates
With Support Programs

1967 = 100

Prices received by farmers:

| | |
|------------------------|-----|
| All farm products | 238 |
| All crops | 237 |
| Livestock and products | 238 |

Prices paid by farmers:

| | |
|---------------------------------------|-----|
| All commodities (production) | 307 |
| Feed | 215 |
| Livestock | 227 |
| Seed | 437 |
| Fertilizer | 243 |
| Agriculture chemicals | 204 |
| Fuels and energy | 370 |
| Farm and motor supplies | 250 |
| Autos and trucks | 522 |
| Tractors and self-propelled machinery | 448 |
| Other machinery | 512 |
| Building and fencing materials | 323 |
| Wage rates for hired farm labor | 404 |
| Construction costs composite | 383 |
| ENR construction cost | 410 |
| Wholesale lumber price | 390 |

COMMODITIES

| STATE | : WHEAT : | : CORN : | : SORGHUM : | HAY, | DRY : | SUGAR : | SUGAR : | | | | | |
|----------------|------------|----------|-------------|--------|----------|-----------|---------|---------|---------|-----------|--------|------------|
| | : ALL 1/ : | RYE 1/: | RICE 1/ | FOR | OATS 1/: | BARLEY 1/ | GRAIN : | ALL | BEANS : | BEETS 2/: | CANE : | |
| | | | : GRAIN 1/ | | | | | : BALED | | | | : SUGAR 2/ |
| | | | | | | | | | | | | |
| | : BUSHEL | BUSHEL | CWT. | BUSHEL | BUSHEL | BUSHEL | CWT. | TON | CWT. | TON | TON | |
| MAINE | : 0.00 | 0.00 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 69.61 | 0.00 | 0.00 | 0.00 | |
| NEW HAMPSHIRE | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 95.72 | 0.00 | 0.00 | 0.00 | |
| VERMONT | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 83.02 | 0.00 | 0.00 | 0.00 | |
| MASSACHUSETTS | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.94 | 0.00 | 0.00 | 0.00 | |
| RHODE ISLAND | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 107.75 | 0.00 | 0.00 | 0.00 | |
| CONNECTICUT | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 102.08 | 0.00 | 0.00 | 0.00 | |
| NEW YORK | : 2.79 | 2.31 | 0.00 | 2.28 | 1.32 | 0.00 | 0.00 | 74.12 | 18.26 | 0.00 | 0.00 | |
| NEW JERSEY | : 2.94 | 3.29 | 0.00 | 2.28 | 1.52 | 1.28 | 0.00 | 106.16 | 0.00 | 0.00 | 0.00 | |
| PENNSYLVANIA | : 3.15 | 2.73 | 0.00 | 2.47 | 1.50 | 1.50 | 0.00 | 86.82 | 0.00 | 0.00 | 0.00 | |
| DELAWARE | : 2.82 | 1.73 | 0.00 | 2.31 | 0.00 | 1.29 | 0.00 | 108.84 | 0.00 | 0.00 | 0.00 | |
| MARYLAND | : 2.90 | 1.72 | 0.00 | 2.34 | 1.21 | 1.32 | 0.00 | 106.80 | 0.00 | 0.00 | 0.00 | |
| MICHIGAN | : 2.88 | 2.04 | 0.00 | 1.97 | 1.41 | 1.99 | 0.00 | 68.26 | 20.30 | 30.14 | 0.00 | |
| WISCONSIN | : 2.67 | 1.82 | 0.00 | 2.02 | 1.32 | 1.47 | 0.00 | 70.43 | 0.00 | 0.00 | 0.00 | |
| MINNESOTA | : 2.93 | 1.57 | 0.00 | 1.96 | 1.46 | 1.73 | 0.00 | 70.07 | 20.18 | 40.96 | 0.00 | |
| OHIO | : 2.92 | 2.81 | 0.00 | 2.02 | 1.38 | 0.00 | 0.00 | 84.87 | 0.00 | 30.95 | 0.00 | |
| INDIANA | : 2.74 | 1.91 | 0.00 | 2.09 | 1.41 | 0.00 | 0.00 | 70.25 | 0.00 | 0.00 | 0.00 | |
| ILLINOIS | : 2.83 | 2.14 | 0.00 | 2.04 | 1.48 | 0.00 | 3.22 | 71.42 | 0.00 | 0.00 | 0.00 | |
| IOWA | : 2.94 | 1.83 | 0.00 | 1.92 | 1.47 | 0.00 | 0.00 | 51.70 | 0.00 | 0.00 | 0.00 | |
| MISSOURI | : 2.79 | 2.05 | 5.91 | 1.96 | 1.45 | 0.00 | 3.27 | 63.63 | 0.00 | 0.00 | 0.00 | |
| NORTH DAKOTA | : 3.20 | 1.37 | 0.00 | 1.91 | 1.36 | 1.74 | 0.00 | 48.04 | 16.39 | 41.32 | 0.00 | |
| SOUTH DAKOTA | : 2.91 | 1.53 | 0.00 | 1.91 | 1.46 | 1.64 | 2.88 | 44.70 | 0.00 | 0.00 | 0.00 | |
| NEBRASKA | : 2.77 | 1.63 | 0.00 | 2.02 | 1.36 | 1.25 | 3.28 | 45.04 | 17.65 | 33.57 | 0.00 | |
| KANSAS | : 2.75 | 1.29 | 0.00 | 2.02 | 1.29 | 1.44 | 3.25 | 60.54 | 17.21 | 0.00 | 0.00 | |
| VIRGINIA | : 2.87 | 2.11 | 0.00 | 2.24 | 1.32 | 1.42 | 0.00 | 88.90 | 0.00 | 0.00 | 0.00 | |
| WEST VIRGINIA | : 2.85 | 0.00 | 0.00 | 2.02 | 1.28 | 0.00 | 0.00 | 63.27 | 0.00 | 0.00 | 0.00 | |
| NORTH CAROLINA | : 2.84 | 2.11 | 0.00 | 2.29 | 1.21 | 1.44 | 3.24 | 86.33 | 0.00 | 0.00 | 0.00 | |
| KENTUCKY | : 2.85 | 1.94 | 0.00 | 2.16 | 1.49 | 1.30 | 3.39 | 71.63 | 0.00 | 0.00 | 0.00 | |
| TENNESSEE | : 2.86 | 0.00 | 0.00 | 2.08 | 0.00 | 0.00 | 3.34 | 58.38 | 0.00 | 0.00 | 0.00 | |
| SOUTH CAROLINA | : 2.82 | 1.98 | 0.00 | 2.32 | 1.28 | 1.62 | 3.67 | 71.61 | 0.00 | 0.00 | 0.00 | |
| GEORGIA | : 2.75 | 1.95 | 0.00 | 2.43 | 1.29 | 0.00 | 3.30 | 67.63 | 0.00 | 0.00 | 0.00 | |
| FLORIDA | : 2.81 | 0.00 | 0.00 | 2.29 | 0.00 | 0.00 | 0.00 | 72.16 | 0.00 | 0.00 | 29.11 | |
| ALABAMA | : 2.82 | 0.00 | 0.00 | 2.42 | 1.21 | 0.00 | 3.43 | 65.37 | 0.00 | 0.00 | 0.00 | |
| MISSISSIPPI | : 3.21 | 0.00 | 6.39 | 2.49 | 0.00 | 0.00 | 4.16 | 44.17 | 0.00 | 0.00 | 0.00 | |
| ARKANSAS | : 2.79 | 0.00 | 6.08 | 1.96 | 1.22 | 0.00 | 3.31 | 53.99 | 0.00 | 0.00 | 0.00 | |
| LOUISIANA | : 3.10 | 0.00 | 6.38 | 2.18 | 0.00 | 0.00 | 3.47 | 49.12 | 0.00 | 0.00 | 25.10 | |
| OKLAHOMA | : 2.77 | 1.62 | 0.00 | 2.30 | 1.45 | 1.60 | 3.53 | 65.05 | 0.00 | 0.00 | 0.00 | |
| TEXAS | : 2.68 | 2.06 | 6.71 | 2.06 | 1.65 | 1.67 | 3.70 | 68.05 | 0.00 | 28.28 | 27.98 | |
| MONTANA | : 3.07 | 0.00 | 0.00 | 2.51 | 1.39 | 1.83 | 0.00 | 59.64 | 15.43 | 40.15 | 0.00 | |
| IDAHO | : 2.98 | 0.00 | 0.00 | 2.43 | 1.29 | 2.11 | 0.00 | 59.82 | 17.26 | 37.09 | 0.00 | |
| WYOMING | : 2.78 | 0.00 | 0.00 | 2.21 | 1.46 | 2.76 | 0.00 | 59.30 | 17.27 | 37.48 | 0.00 | |
| COLORADO | : 2.83 | 1.40 | 0.00 | 2.05 | 1.43 | 2.31 | 3.57 | 68.20 | 17.19 | 33.73 | 0.00 | |
| NEW MEXICO | : 2.60 | 0.00 | 0.00 | 2.33 | 0.00 | 1.84 | 4.07 | 89.41 | 0.00 | 34.01 | 0.00 | |
| ARIZONA | : 3.51 | 0.00 | 0.00 | 2.65 | 0.00 | 2.15 | 4.98 | 81.41 | 0.00 | 0.00 | 0.00 | |
| UTAH | : 2.89 | 0.00 | 0.00 | 2.62 | 1.57 | 1.87 | 0.00 | 68.94 | 17.45 | 0.00 | 0.00 | |
| NEVADA | : 2.64 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 0.00 | 72.74 | 0.00 | 0.00 | 0.00 | |
| WASHINGTON | : 3.17 | 0.00 | 0.00 | 2.32 | 1.22 | 1.77 | 0.00 | 64.01 | 17.79 | 0.00 | 0.00 | |
| OREGON | : 3.24 | 1.62 | 0.00 | 2.35 | 1.38 | 1.81 | 0.00 | 70.94 | 0.00 | 34.97 | 0.00 | |
| CALIFORNIA | : 3.24 | 0.00 | 5.32 | 2.62 | 1.57 | 2.06 | 4.67 | 81.43 | 27.55 | 34.29 | 0.00 | |
| ALASKA | : 0.00 | 0.00 | 0.00 | 0.00 | 2.05 | 2.59 | 0.00 | 159.50 | 0.00 | 0.00 | 0.00 | |
| HAWAII | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.82 | |

1/ DOES NOT INCLUDE DEFICIENCY PAYMENTS.

2/ DOES NOT INCLUDE PAYMENTS UNDER THE SUGAR ACT.

-CONTINUED

STATES: 1989-90 CURRENT NORMALIZED PRICES FOR PRINCIPAL COMMODITIES-CONTINUED

| STATE | COMMODITIES | | | | | | | | | | | |
|----------------|-------------|---------|----------------------------|--------|-------|---------------------------|----------|---------|-----------|-------|----------|-----------|
| | COTTON, | | COTTON:SOYBEANS: PEANUTS : | | | APPLES :ORANGES : GRAPE-: | | | SWEET - : | | | |
| LINT | | TOBACCO | | SEED | FOR | HARVESTED | FLAXSEED | COMMER- | ALL | FRUIT | POTATOES | POTATOES: |
| UPLAND 3/: | | | BEANS | | | FOR NUTS : | | | CIAL 4/: | | ALL 5/: | |
| | POUND | POUND | TON | BUSHEL | POUND | BUSHEL | POUND | BOX | BOX | CWT. | CWT. | |
| MAINE | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.237 | 0.00 | 0.00 | 5.37 | 0.00 | |
| NEW HAMPSHIRE | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.277 | 0.00 | 0.00 | 0.00 | 0.00 | |
| VERMONT | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.234 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MASSACHUSETTS | : 0.000 | 12.533 | 0.00 | 0.00 | 0.000 | 0.00 | 0.271 | 0.00 | 0.00 | 6.47 | 0.00 | |
| RHODE ISLAND | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 5.62 | 0.00 | |
| CONNECTICUT | : 0.000 | 8.924 | 0.00 | 0.00 | 0.000 | 0.00 | 0.265 | 0.00 | 0.00 | 6.26 | 0.00 | |
| NEW YORK | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.160 | 0.00 | 0.00 | 7.07 | 0.00 | |
| NEW JERSEY | : 0.000 | 0.000 | 0.00 | 5.05 | 0.000 | 0.00 | 0.232 | 0.00 | 0.00 | 6.10 | 19.94 | |
| PENNSYLVANIA | : 0.000 | 0.890 | 0.00 | 5.23 | 0.000 | 0.00 | 0.177 | 0.00 | 0.00 | 6.71 | 0.00 | |
| DELAWARE | : 0.000 | 0.000 | 0.00 | 5.14 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 7.37 | 0.00 | |
| MARYLAND | : 0.000 | 1.400 | 0.00 | 5.15 | 0.000 | 0.00 | 0.168 | 0.00 | 0.00 | 6.91 | 13.39 | |
| | | | | | | | | | | | | |
| MICHIGAN | : 0.000 | 0.000 | 0.00 | 4.93 | 0.000 | 0.00 | 0.138 | 0.00 | 0.00 | 5.69 | 0.00 | |
| WISCONSIN | : 0.000 | 1.105 | 0.00 | 5.08 | 0.000 | 0.00 | 0.234 | 0.00 | 0.00 | 4.63 | 0.00 | |
| MINNESOTA | : 0.000 | 0.000 | 0.00 | 5.10 | 0.000 | 4.98 | 0.000 | 0.00 | 0.00 | 4.62 | 0.00 | |
| | | | | | | | | | | | | |
| OHIO | : 0.000 | 1.630 | 0.00 | 5.15 | 0.000 | 0.00 | 0.219 | 0.00 | 0.00 | 5.47 | 0.00 | |
| INDIANA | : 0.000 | 1.638 | 0.00 | 5.13 | 0.000 | 0.00 | 0.220 | 0.00 | 0.00 | 5.81 | 0.00 | |
| ILLINOIS | : 0.000 | 0.000 | 0.00 | 5.20 | 0.000 | 0.00 | 0.197 | 0.00 | 0.00 | 4.49 | 0.00 | |
| IAWA | : 0.000 | 0.000 | 0.00 | 5.10 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 4.57 | 0.00 | |
| MISSOURI | : 0.552 | 1.626 | 64.31 | 5.00 | 0.000 | 0.00 | 0.208 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | | | | | | |
| NORTH DAKOTA | : 0.000 | 0.000 | 0.00 | 4.80 | 0.000 | 4.94 | 0.000 | 0.00 | 0.00 | 4.43 | 0.00 | |
| SOUTH DAKOTA | : 0.000 | 0.000 | 0.00 | 4.85 | 0.000 | 4.97 | 0.000 | 0.00 | 0.00 | 3.44 | 0.00 | |
| NEBRASKA | : 0.000 | 0.000 | 0.00 | 4.98 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 5.93 | 0.00 | |
| KANSAS | : 0.477 | 0.000 | 75.24 | 4.90 | 0.000 | 0.00 | 0.202 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | | | | | | |
| VIRGINIA | : 0.545 | 1.611 | 73.97 | 5.18 | 0.273 | 0.00 | 0.150 | 0.00 | 0.00 | 7.62 | 7.12 | |
| WEST VIRGINIA | : 0.000 | 1.580 | 0.00 | 0.00 | 0.000 | 0.00 | 0.149 | 0.00 | 0.00 | 0.00 | 0.00 | |
| NORTH CAROLINA | : 0.545 | 1.645 | 73.97 | 5.09 | 0.280 | 0.00 | 0.118 | 0.00 | 0.00 | 5.87 | 12.83 | |
| KENTUCKY | : 0.000 | 1.654 | 0.00 | 5.23 | 0.000 | 0.00 | 0.195 | 0.00 | 0.00 | 0.00 | 0.00 | |
| TENNESSEE | : 0.533 | 1.663 | 67.43 | 5.07 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 9.58 | 15.29 | |
| | | | | | | | | | | | | |
| SOUTH CAROLINA | : 0.524 | 1.623 | 80.35 | 5.14 | 0.291 | 0.00 | 0.181 | 0.00 | 0.00 | 0.00 | 0.00 | 13.20 |
| GEORGIA | : 0.567 | 1.686 | 81.72 | 4.98 | 0.272 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 14.52 |
| FLORIDA | : 0.533 | 1.711 | 67.24 | 5.04 | 0.251 | 0.00 | 0.000 | 6.25 | 4.97 | 10.27 | 0.00 | |
| ALABAMA | : 0.549 | 0.000 | 65.22 | 5.13 | 0.268 | 0.00 | 0.000 | 0.00 | 0.00 | 8.15 | 15.50 | |
| | | | | | | | | | | | | |
| MISSISSIPPI | : 0.537 | 0.000 | 63.01 | 5.13 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 12.15 |
| ARKANSAS | : 0.537 | 0.000 | 61.22 | 5.19 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | |
| LOUISIANA | : 0.537 | 0.000 | 66.93 | 5.03 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 12.39 | 7.68 | |
| | | | | | | | | | | | | |
| OKLAHOMA | : 0.477 | 0.000 | 75.24 | 4.89 | 0.277 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | |
| TEXAS | : 0.505 | 0.000 | 72.90 | 4.67 | 0.269 | 0.00 | 0.000 | 6.29 | 5.10 | 8.03 | 16.97 | |
| | | | | | | | | | | | | |
| MONTANA | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 6.45 | 0.00 | |
| IDAHO | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.230 | 0.00 | 0.00 | 4.00 | 0.00 | |
| WYOMING | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 4.84 | 0.00 | |
| COLORADO | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.126 | 0.00 | 0.00 | 3.64 | 0.00 | |
| NEW MEXICO | : 0.599 | 0.000 | 85.34 | 0.00 | 0.311 | 0.00 | 0.201 | 0.00 | 0.00 | 4.76 | 0.00 | |
| ARIZONA | : 0.568 | 0.000 | 85.73 | 0.00 | 0.000 | 0.00 | 0.000 | 5.83 | 3.65 | 8.91 | 0.00 | |
| UTAH | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.146 | 0.00 | 0.00 | 4.67 | 0.00 | |
| NEVADA | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 3.87 | 0.00 | |
| | | | | | | | | | | | | |
| WASHINGTON | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.153 | 0.00 | 0.00 | 3.96 | 0.00 | |
| OREGON | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.121 | 0.00 | 0.00 | 3.89 | 0.00 | |
| CALIFORNIA | : 0.623 | 0.000 | 89.88 | 0.00 | 0.000 | 0.00 | 0.300 | 5.64 | 4.65 | 8.13 | 16.21 | |
| | | | | | | | | | | | | |
| ALASKA | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 15.36 | 0.00 | |
| HAWAII | : 0.000 | 0.000 | 0.00 | 0.00 | 0.000 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | | | | | | |

3/ PRICES BASED ON A 480 POUND NET WEIGHT BALE.

4/ BOTH FRESH AND PROCESSED SALE PRICES (EQUIVALENT PACKINGHOUSE-DOOR RETURNS FOR WASHINGTON AND OREGON,
EQUIVALENT FIRST DELIVERY POINT FOR CALIFORNIA AND "AS SOLD" FOR OTHER STATES).

5/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS PER BOX FOR ALL USES.

-CONTINUED

COMMODITIES

| STATE | COMMER- | | | | | | | | | | |
|----------------|---------|---------|--------|-------|-------|-------|-------|-------|---------|----------|------|
| | STEERS | | CALVES | | SHEEP | LAMBS | HOGS | MILK | TURKEYS | EGGS | WOOL |
| | AND | HEIFERS | | | | | | 6/ | CIAL | BROILERS | |
| | CWT. | CWT. | CWT. | CWT. | CWT. | CWT. | POUND | POUND | DOZ | POUND | |
| MAINE | 45.27 | 45.66 | 25.51 | 74.31 | 41.94 | 12.84 | 0.000 | 0.000 | 0.786 | 0.567 | |
| NEW HAMPSHIRE | 45.00 | 45.14 | 25.51 | 76.21 | 41.94 | 12.65 | 0.000 | 1.157 | 0.848 | 0.552 | |
| VERMONT | 45.53 | 44.92 | 25.51 | 72.29 | 41.94 | 12.33 | 0.000 | 0.000 | 0.917 | 0.582 | |
| MASSACHUSETTS | 45.00 | 47.15 | 25.51 | 80.41 | 41.94 | 12.74 | 0.000 | 1.113 | 0.903 | 0.587 | |
| RHODE ISLAND | 45.27 | 49.05 | 0.00 | 0.00 | 41.94 | 12.71 | 0.000 | 0.000 | 0.799 | 0.000 | |
| CONNECTICUT | 45.27 | 46.94 | 25.51 | 78.74 | 41.94 | 12.65 | 0.000 | 1.054 | 0.852 | 0.499 | |
| NEW YORK | 42.37 | 56.68 | 18.73 | 62.14 | 42.11 | 11.89 | 0.332 | 0.438 | 0.504 | 0.574 | |
| NEW JERSEY | 48.18 | 57.66 | 26.04 | 55.89 | 42.05 | 12.40 | 0.000 | 1.146 | 0.633 | 0.565 | |
| PENNSYLVANIA | 53.05 | 61.60 | 16.71 | 61.15 | 44.98 | 12.34 | 0.313 | 0.514 | 0.465 | 0.568 | |
| DELAWARE | 52.51 | 51.16 | 0.00 | 0.00 | 43.35 | 12.30 | 0.347 | 0.000 | 0.997 | 0.000 | |
| MARYLAND | 52.51 | 51.16 | 15.76 | 59.48 | 43.35 | 12.30 | 0.347 | 0.696 | 0.582 | 0.584 | |
| | | | | | | | | | | | |
| MICHIGAN | 51.43 | 52.79 | 15.28 | 57.80 | 43.05 | 11.86 | 0.329 | 0.465 | 0.398 | 0.458 | |
| WISCONSIN | 50.48 | 79.34 | 14.19 | 57.57 | 42.87 | 11.44 | 0.322 | 0.425 | 0.426 | 0.460 | |
| MINNESOTA | 54.08 | 55.82 | 15.46 | 58.77 | 44.87 | 11.16 | 0.302 | 0.429 | 0.417 | 0.463 | |
| | | | | | | | | | | | |
| OHIO | 54.28 | 53.63 | 22.55 | 58.23 | 43.97 | 11.73 | 0.282 | 0.428 | 0.409 | 0.448 | |
| INDIANA | 52.65 | 50.51 | 17.55 | 54.40 | 43.69 | 11.83 | 0.000 | 0.472 | 0.497 | 0.397 | |
| ILLINOIS | 55.98 | 69.54 | 15.27 | 57.73 | 43.30 | 11.77 | 0.000 | 0.491 | 0.548 | 0.439 | |
| IOWA | 56.22 | 56.28 | 18.00 | 58.19 | 44.57 | 11.32 | 0.305 | 0.450 | 0.407 | 0.452 | |
| MISSOURI | 59.48 | 56.03 | 21.12 | 57.05 | 43.72 | 11.67 | 0.329 | 0.450 | 0.396 | 0.462 | |
| | | | | | | | | | | | |
| NORTH DAKOTA | 59.99 | 59.18 | 15.15 | 59.23 | 41.86 | 10.50 | 0.000 | 0.438 | 0.392 | 0.605 | |
| SOUTH DAKOTA | 58.05 | 62.09 | 19.82 | 62.27 | 43.87 | 10.98 | 0.000 | 0.419 | 0.331 | 0.700 | |
| NEBRASKA | 57.20 | 60.52 | 18.40 | 58.61 | 44.42 | 11.48 | 0.361 | 0.462 | 0.428 | 0.521 | |
| KANSAS | 57.76 | 58.31 | 18.84 | 57.82 | 42.96 | 11.76 | 0.000 | 0.412 | 0.384 | 0.567 | |
| | | | | | | | | | | | |
| VIRGINIA | 55.84 | 52.05 | 14.32 | 59.04 | 43.09 | 12.56 | 0.322 | 0.463 | 0.650 | 0.558 | |
| WEST VIRGINIA | 55.84 | 51.55 | 13.98 | 56.53 | 43.88 | 11.70 | 0.322 | 0.433 | 0.842 | 0.577 | |
| NORTH CAROLINA | 49.44 | 51.48 | 16.01 | 53.52 | 44.14 | 13.63 | 0.300 | 0.436 | 0.696 | 0.516 | |
| KENTUCKY | 55.63 | 53.69 | 14.29 | 57.66 | 44.53 | 12.02 | 0.305 | 0.000 | 0.498 | 0.444 | |
| TENNESSEE | 54.46 | 52.92 | 16.77 | 58.63 | 42.46 | 12.49 | 0.292 | 0.000 | 0.495 | 0.538 | |
| | | | | | | | | | | | |
| SOUTH CAROLINA | 53.44 | 55.01 | 0.00 | 0.00 | 43.91 | 14.19 | 0.302 | 0.437 | 0.519 | 0.000 | |
| GEORGIA | 52.50 | 52.16 | 0.00 | 0.00 | 44.39 | 13.38 | 1.205 | 0.455 | 0.670 | 0.000 | |
| FLORIDA | 53.46 | 57.54 | 0.00 | 0.00 | 40.79 | 14.82 | 0.300 | 0.000 | 0.453 | 0.000 | |
| ALABAMA | 53.72 | 53.82 | 0.00 | 0.00 | 42.48 | 13.66 | 0.307 | 0.000 | 0.682 | 0.000 | |
| | | | | | | | | | | | |
| MISSISSIPPI | 54.32 | 56.61 | 0.00 | 0.00 | 44.32 | 13.00 | 0.329 | 0.000 | 0.698 | 0.000 | |
| ARKANSAS | 58.04 | 56.75 | 0.00 | 0.00 | 40.59 | 13.15 | 0.332 | 0.412 | 0.708 | 0.000 | |
| LOUISIANA | 54.84 | 56.34 | 20.31 | 60.97 | 37.83 | 13.34 | 0.000 | 0.000 | 0.872 | 0.502 | |
| | | | | | | | | | | | |
| OKLAHOMA | 59.45 | 57.56 | 14.54 | 58.38 | 43.32 | 12.46 | 0.322 | 0.000 | 0.831 | 0.584 | |
| TEXAS | 57.20 | 56.50 | 19.86 | 64.13 | 42.89 | 12.77 | 0.339 | 0.000 | 0.659 | 0.990 | |
| | | | | | | | | | | | |
| MONTANA | 60.24 | 58.40 | 16.10 | 59.22 | 38.33 | 11.80 | 0.000 | 0.000 | 0.500 | 0.823 | |
| IDAHO | 54.25 | 56.25 | 14.40 | 55.70 | 42.66 | 10.85 | 0.000 | 0.000 | 0.466 | 0.707 | |
| WYOMING | 61.65 | 62.05 | 16.37 | 59.79 | 43.46 | 11.10 | 0.000 | 0.000 | 0.685 | 0.870 | |
| COLORADO | 58.27 | 60.51 | 19.07 | 58.45 | 46.14 | 12.65 | 0.000 | 0.000 | 0.581 | 0.762 | |
| NEW MEXICO | 57.40 | 60.56 | 21.92 | 62.33 | 43.80 | 11.86 | 0.000 | 0.000 | 0.529 | 0.943 | |
| ARIZONA | 55.57 | 55.04 | 14.20 | 61.16 | 48.89 | 11.95 | 0.000 | 0.000 | 0.444 | 0.582 | |
| UTAH | 54.88 | 58.12 | 14.03 | 55.00 | 40.72 | 11.14 | 0.000 | 0.595 | 0.477 | 0.747 | |
| NEVADA | 53.72 | 52.80 | 15.31 | 54.55 | 36.83 | 11.61 | 0.000 | 0.000 | 0.415 | 0.773 | |
| | | | | | | | | | | | |
| WASHINGTON | 55.12 | 53.00 | 13.11 | 55.98 | 42.58 | 11.45 | 0.305 | 0.000 | 0.476 | 0.617 | |
| OREGON | 57.11 | 54.73 | 13.86 | 56.48 | 45.64 | 11.64 | 0.309 | 0.457 | 0.499 | 0.592 | |
| CALIFORNIA | 55.40 | 51.73 | 16.07 | 59.34 | 48.44 | 10.77 | 0.358 | 0.422 | 0.472 | 0.743 | |
| | | | | | | | | | | | |
| ALASKA | 60.96 | 55.30 | 20.16 | 61.13 | 62.62 | 19.06 | 0.000 | 0.000 | 1.307 | 0.682 | |
| HAWAII | 40.91 | 39.09 | 0.00 | 0.00 | 70.85 | 19.18 | 0.519 | 0.000 | 0.724 | 0.000 | |